



US Environmental Protection Agency Radiological Emergency Response Team

Las Conchas Fire Air Sampler Information July 2, 2011

Location 1.

Santa Clara Events Center
460 N. Riverside Drive
Santa Clara, NM
N 35 degrees 59.818 min, W 106 degrees 03.994 min.

Location 2.

Santa Clara Outlook
Dirt road off Highway 602
Santa Clara, NM
N 35 degrees 57.762 min, W 106 degrees 11.781 min.

Location 3.

Black Mesa Golf Course
115 State Road 399
Santa Clara, NM
N 35 degrees 57.614 min, W 106 degrees 03.235 min.

Location 4.

Buffalo Thunder Casino
30 Buffalo Thunder Trail
Santa Fe, NM 87506
N 35 degrees, 51.739 min, W 105 degrees 59.818 min

Location 5.

Valley Veterinary Clinic
99 Loma Viega Lane
Santa Fe, NM
N 35 degrees 54.217 min, W 106 degrees, 01.109 min.

Location 6.

San Ildefonso Pueblo
445 Battleship View Rd.
San Ildefonso, NM
N 35 degrees, 54.459 min, W 106 degrees, 08.194 min.

Location 7.
Espanola Hospital
1010 Spruce Street
Espanola, NM
N 35 degrees, 59.811 min, W 106 degrees, 5.246 min.

Location 8.
Runnels State Office Building
1190 St. Francis Drive
Santa Fe, NM
N 35 degrees, 40.296 min, W 105 degrees, 57.370 min

Location 9.
Cuba Volunteer Fire Department
16B East Cordova Street
Cuba, NM
N 36 degrees, 00.762 min, W 106 degrees 57.709 min.

Location 10.
US Army Corps of Engineers
4734 Hwy. 96
Abiqui, NM
N 36 degrees, 14.436 min, W 106 degrees, 25.699 min.

Location 11.
Water Sanitation District
827 State Highway 22
Pena Blanca, NM
N 35 degrees, 34.411 min, W 106 degrees, 20.076 min.

Location 12.
Cochiti Town Hall (Cochiti Pueblo) **(This location has a duplicate air sampler.)**
6515 Hoochaneetsa Blvd, Suite A
Cochiti Lake, NM
N 35 degrees, 38.789 min, W 106 degrees, 20.159 minutes

Air Sampler Notes: For the Las Conchas Fire Response, all 12 air sampling stations operated by the EPA Radiological Response Team (RERT) were collected successfully on July 2, 2011, and turned over to EPA Region 6 START for shipment to the contractor laboratory, Eberline Services, in Oak Ridge, TN. Note that due to commercial shipping being unavailable during the weekend and Fourth of July Holiday, samples may not reach the lab until Tuesday, July 5. Region 6's START contractor is trying to work their magic to do better than that.

Of note: several samplers had significant flow changes over the sampling period due to smoke loading. No samplers failed and no other problems were noted. As the fire continues to move away from the area, the smoke loading should be less of a problem.

If the fire situation continues to improve, we anticipate stopping our sampling on July 5. The San Ildefonso Pueblo location will likely close the day before because it is on the main road to

Los Alamos town and we've been told that two lane road will be jammed with residents returning to their homes.

RERT is staging from the Espanola Guard Armory, 2011 Industrial Park Road, Espanola, NM. Google Maps shows this location incorrectly – it is about ¼ mile further west.

Gregg Dempsey
Radiological Emergency Response Team Commander
U.S. Environmental Protection Agency
Radiation and Indoor Environments National Laboratory
Las Vegas, Nevada

dempsey.gregg@epa.gov
(702) 784-8232 office
(702) 784-8231 facsimile